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Approved for use through 10/31/2002. OMB 0651-0032

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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. CFP-14796 (15745/408)

First Inventor Jih-Shin Ho

Title METHOD FOR DRIVING LIQUID CRYSTAL DISPLAY DEVICES

Express Mail Label No. EV 326522166 US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Assistant Commissioner for Patents **APPLICATION ELEMENTS Box Patent Application** ADDRESS TO: Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 1. 🛛 Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 2. 🛛 (if applicable, all necessary) See 37 CFR 1.27. a. Computer Readable Form (CRF) (Total Pages з. 🛛 Specification b. Specification Sequence Listing on: (preferred arrangement set forth below) i. CD-ROM or CD-R (2 copies); or Descriptive title of the Invention - Cross References to Related Applications ii. 🔲 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, ACCOMPANYING APPLICATIONS PARTS or a computer program listing appendix - Background of the Invention Assignment Papers (cover sheet & document(s)) 9. 🔯 - Brief Summary of the Invention 37 C.F.R.§3.73(b) Statement Power of - Brief Description of the Drawings ( if filed) 10. - Detailed Description Attorney (when there is an assignee) - Claim(s) English Translation Document (if applicable) - Abstract of the Disclosure 11. 🔲 Copies of IDS Information Disclosure 12. [Total Sheets Drawing(s) (35 U.S.C.113) 4. 🔯 Citations Statement (IDS)/PTO-1449 [Total Pages 5. Oath or Declaration 13. Preliminary Amendment a. Newly executed (original or copy) Return Receipt Postcard (MPEP 503) 14. 🔯 b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s) 15. 🔲 (if foreign priority is claimed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Request and Certification under 35 U.S.C. 122 16. 🔲 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: of prior application No: \_\_\_ ☐ Continuation-in-part (CIP) ☐ Continuation □ Divisional Group / Art Unit: Examiner Prior application information: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below ☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Alan D. Kamrath Name Rider Bennett, LLP 333 South Seventh Street, Suite 2000 Address 55402 Minnesota Zip Code City State Minneapolis (612) 340-7900 Fax Telephone (612) 340-8925 USA Country 28,227 Registration No. (Attorney/Agent) Name (Print/Type) Alan D. Kamrath September 29, 2003 Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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|   | Complete if Known    |                    |  |  |  |  |
|---|----------------------|--------------------|--|--|--|--|
| FEE TRANSMITTAL                             | Application Number   |                    |  |  |  |  |
| for FY 2002                                 | Filing Date          | September 29, 2003 |  |  |  |  |
| Patent fees are subject to annual revision. | First Named Inventor | Jih-Shin Ho        |  |  |  |  |
|   | Examiner Name        |                    |  |  |  |  |
|   | Group / Art Unit     |                    |  |  |  |  |

| TOTAL AMO  | UNT OF      | PAYMI  | ENT (\$)                              | 415             |                              | Attorney Docket No.                    |  |                                     |   | CFP-14796 (15745-408)                                   |                                   |           |  |
|--|-------------|--|---------------------------------------|-----------------|------------------------------|--|--|-------------------------------------|---|---|-----------------------------------|-----------|--|
| METHOD OF PAYMENT (check one)                                    |             |  |                                       |                 | FEE CALCULATION (continued)  |  |  |                                     |   |   |                                   |           |  |
| The Commissioner is hereby authorized to charge                  |             |  |                                       |                 | 3. ADDITIONAL FEES           |  |  |                                     |   |   |                                   |           |  |
| indicated fees and credit any over payments to:                  |             |  |                                       | l               | Large Small<br>Entity Entity |  |  |                                     |   |   |                                   |           |  |
|  |             | Fee  | Fee                                   | Fee             | Fee                          | Fee De                                 | scription  | Fee                                 |   |   |                                   |           |  |
| Deposit<br>Account 50-1188                                       |             |  |                                       | Code            | (\$)                         | Code                                   | (\$)   | Surcharge - late filing fee or oath |   | Paid  |                                   |           |  |
| Number   |             |  |                                       | 105             | 130                          | 205                                    | 65<br>05   | -                                   | rovisional filing fee                   | !   |                                   |           |  |
|  |             |  |                                       |                 | 127                          | 50                                     | 227  | 25                                  | or cover sheet.                         | TOVISIONAL HILLING ICC                                  |                                   |           |  |
| Deposit Side Report From & Arrindol LLR                          |             |  |                                       |                 | 139                          | 130                                    | 139  | 130                                 | Non-English speci                       |   |                                   |           |  |
| Account Rider, Bennett, Egan & Arundel, LLP                      |             |  |                                       |                 | 147                          | 2,520                                  | 147  | 2,520                               | For filing a reques                     |   |                                   |           |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17    |             |  |                                       |                 |                              | 112                                    | 920*   | 112                                 | 920*                                    | Requesting public<br>Examiner action                    |                                   |           |  |
| Applicant claims small entity status. See 37 CFR 1.27            |             |  |                                       |                 |                              | 113                                    | 1,840*   | 113                                 | 1,840*                                  | Requesting public<br>Examiner action                    |                                   |           |  |
| 2. Payment Enclosed:   |             |  |                                       |                 |                              | 115                                    | 110  | 215                                 | 55                                      | Extension for repl                                      |                                   |           |  |
| ☐Check ☐ Credit card ☐ Money ☐ Other                             |             |  |                                       |                 |                              | 116                                    | 410  | 216                                 | 205                                     | Extension for reply within second month                 |                                   |           |  |
|  |             |  | Order                                 |                 |                              | 117                                    | 930  | 217                                 | 465                                     | Extension for reply within third month                  |                                   |           |  |
| FEE CALCULATION  1. BASIC FILING FEE                             |             |  |                                       |                 | 118                          | 1,450                                  | 218  | 725                                 | Extension for reply within fourth month |   |                                   |           |  |
| Large Entity   |             | Entity   |                                       |                 |                              | 128                                    | 1,970  | 228                                 | 985                                     | Extension for repl                                      | y within fifth month              |           |  |
| Fee Fee  | Fee         |  | Fee Descriptio                        |                 | n.:u                         | 119                                    | 320  | 219                                 | 160                                     | Notice of Appeal  |                                   |           |  |
| Code (\$)  | Code        | (\$)   |                                       | _               | ee Paid                      | 120                                    | 320  | 220                                 | 160                                     | •   | pport of an appeal                |           |  |
| 101 750  | 201         |  | Utility filing fee                    |                 | 375                          | 121                                    | 280  | 221                                 | 140                                     | Request for oral h                                      |                                   |           |  |
| 106 330<br>107 520   | 206<br>207  |  | Design filing fee<br>Plant filing fee | , <u> </u>      |                              | 138                                    | 1,510  | 138                                 | 1,510                                   | Petition to institute<br>proceeding                     |                                   |           |  |
| 108 750  | 208         | 375 F  | Reissue filing fe                     | e _             |                              | 140                                    | 110  | 240                                 | 55                                      | Petition to revive                                      |                                   |           |  |
| 114 160 214 80 Provisional filling fee                           |             |  |                                       |                 | 141                          | 1,300                                  | 241  | 650                                 | Petition to revive – unintentional      |   |                                   |           |  |
| SUBTOTAL (1) (\$) 375  |             |  |                                       | 142             | 1,300                        | 242                                    | 650  | •                                   | ity issue fee (or reissue)              |   |                                   |           |  |
| SUBTOTAL (1) (\$) 375  |             |  |                                       |                 | 143                          | 470                                    | 243  | 235                                 | Design issue fee                        |   | <del></del>                       |           |  |
| 2. EXTRA CLAIM FEES  |             |  |                                       |                 |                              | 144                                    | 630  | 244                                 | 315                                     | Plant issue fee   | Petitions to the Commissioner     |           |  |
| Extra Fee from Fee   |             |  |                                       |                 |                              | 122                                    | 130<br>50  | 122<br>123                          | 130<br>50                               | Processing fee under 37 CFR 1.17 (q)                    |                                   | <b>}</b>  |  |
| Total Claims 6   | 2           | 20 ** = 0 X 0 = 0                                      |                                       |                 |                              | 123<br>126                             | 180  | 126                                 | 180                                     | Submission of Int                                       |                                   |           |  |
| Independent<br>Claims 1  |             | 3** =  | 0 X                                   | 0 =             | 0                            | 581                                    | 40   | 581                                 | 40                                      | Recording each per property (time                       | patent assignment<br>es number of | 40        |  |
| Multiple<br>Dependent  |             | X = 0  |                                       |                 |                              | 146                                    | 750  | 246                                 | 375                                     | properties) Filing a submission after final rejection   |                                   |           |  |
| Large Entit  | y Small     | Ena  |                                       |                 |                              | 149                                    | 750  | 249                                 | 375                                     | (37 CFR § 1.129(a)) For each additional invention to be |                                   |           |  |
| Code (\$)<br>103 18  | Code<br>203 |  | Fee Descrip                           |                 |                              | 1                                      | ***  | .=.                                 | 275                                     | examined (37 CF   | -                                 |           |  |
| 103 16   | 202         | 42   |                                       | t claims in exc | cess of 3                    | 179                                    | 750  | 279                                 | 375                                     | Request for Continu                                     | ued Examination (RCE)             | $\square$ |  |
| 104 280  | 204         | 140  | Multiple der                          | endent claim,   | if not paid                  | 169                                    | 900  | 169                                 | 900                                     | Request for expedi                                      | ted examination                   | 1 1       |  |
| 109 84   | 209         | 42   | ** Reissue i                          | ndependent c    |                              | 1                                      |  |                                     |   | of a design applica                                     |                                   |           |  |
|  |             | original patent  ** Reissue claims in excess of 20 and |                                       |                 |                              | 0.15                                   |  |                                     |   |   |                                   |           |  |
| 110 18   | 210         | 9  | over origina                          | l patent        |                              | Other                                  | fee (spec  | (Yi                                 | _                                       |   |                                   |           |  |
| SUBTOTAL (2) (\$) 0  |             |  |                                       |                 |                              | *Redu                                  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 |                                     |   |   |                                   |           |  |
| **or number previously paid, if greater; For Reissues, see above |             |  |                                       |                 |                              |  |  |                                     |   |   |                                   |           |  |
| SUBMITTED BY   |             |  |                                       |                 |                              |  |  |                                     |   | Com   | plete (if applicable)             |           |  |
| Name (Print/Type) Alan D. Kamrath Registration No. Attorn        |             |  |                                       |                 | ey/Agent                     | y/Agent) 28,227 Telephone 612-340-8925 |  |                                     |   |   |                                   |           |  |
| Signature Wa Jonnald   |             |  |                                       |                 |                              |  | Date S   |                                     |   | September 29, 2003                                      |                                   |           |  |

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